

<b>Notice of Allowability</b>	<b>Application No.</b>	<b>Applicant(s)</b>	
	10/028,256	TURBA ET AL.	
	<b>Examiner</b>	<b>Art Unit</b>	
	Neveen Abel-Jalil	2165	

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address--

All claims being allowable, PROSECUTION ON THE MERITS IS (OR REMAINS) CLOSED in this application. If not included herewith (or previously mailed), a Notice of Allowance (PTOL-85) or other appropriate communication will be mailed in due course. **THIS NOTICE OF ALLOWABILITY IS NOT A GRANT OF PATENT RIGHTS.** This application is subject to withdrawal from issue at the initiative of the Office or upon petition by the applicant. See 37 CFR 1.313 and MPEP 1308.

1. ☒ This communication is responsive to April 7, 2006.
2. ☒ The allowed claim(s) is/are 1-25.
3. ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
  - a) ☐ All   b) ☐ Some\*   c) ☐ None   of the:
    1. ☐ Certified copies of the priority documents have been received.
    2. ☐ Certified copies of the priority documents have been received in Application No. \_\_\_\_\_.
    3. ☐ Copies of the certified copies of the priority documents have been received in this national stage application from the International Bureau (PCT Rule 17.2(a)).

\* Certified copies not received: \_\_\_\_\_.

Applicant has THREE MONTHS FROM THE "MAILING DATE" of this communication to file a reply complying with the requirements noted below. Failure to timely comply will result in ABANDONMENT of this application.  
**THIS THREE-MONTH PERIOD IS NOT EXTENDABLE.**

4. ☐ A SUBSTITUTE OATH OR DECLARATION must be submitted. Note the attached EXAMINER'S AMENDMENT or NOTICE OF INFORMAL PATENT APPLICATION (PTO-152) which gives reason(s) why the oath or declaration is deficient.
5. ☐ CORRECTED DRAWINGS (as "replacement sheets") must be submitted.
  - (a) ☐ including changes required by the Notice of Draftsperson's Patent Drawing Review (PTO-948) attached
    - 1) ☐ hereto or 2) ☐ to Paper No./Mail Date \_\_\_\_\_.
  - (b) ☐ including changes required by the attached Examiner's Amendment / Comment or in the Office action of Paper No./Mail Date \_\_\_\_\_.

Identifying indicia such as the application number (see 37 CFR 1.84(c)) should be written on the drawings in the front (not the back) of each sheet. Replacement sheet(s) should be labeled as such in the header according to 37 CFR 1.121(d).
6. ☐ DEPOSIT OF and/or INFORMATION about the deposit of BIOLOGICAL MATERIAL must be submitted. Note the attached Examiner's comment regarding REQUIREMENT FOR THE DEPOSIT OF BIOLOGICAL MATERIAL.

**Attachment(s)**

- |   |  |
|---|--|
| 1. <input type="checkbox"/> Notice of References Cited (PTO-892)  | 5. <input type="checkbox"/> Notice of Informal Patent Application (PTO-152)            |
| 2. <input type="checkbox"/> Notice of Draftsperson's Patent Drawing Review (PTO-948)                                | 6. <input type="checkbox"/> Interview Summary (PTO-413),<br>Paper No./Mail Date _____. |
| 3. <input type="checkbox"/> Information Disclosure Statements (PTO-1449 or PTO/SB/08),<br>Paper No./Mail Date _____ | 7. <input checked="" type="checkbox"/> Examiner's Amendment/Comment                    |
| 4. <input type="checkbox"/> Examiner's Comment Regarding Requirement for Deposit<br>of Biological Material          | 8. <input checked="" type="checkbox"/> Examiner's Statement of Reasons for Allowance   |
|   | 9. <input type="checkbox"/> Other _____.   |

*Amended  
Apr 12 2006  
Primary Examiner  
TC 2100*

### **DETAILED ACTION**

#### **Remarks**

1. The Amendment filed on 7-April-2006 has been received and entered. Claims 1-25 are pending.
2. Amendments to the claims have overcome the 35 USC 112, second paragraph rejection.

### **EXAMINER'S AMENDMENT**

3. An examiner's amendment to the record appears below. Should the changes and/or additions be unacceptable to applicant, an amendment may be filed as provided by 37 CFR 1.312. To ensure consideration of such an amendment, it MUST be submitted no later than the payment of the issue fee.

Authorization for this examiner's amendment was given in a telephone interview with Mr. John Rooney on May 30, 2006 (Attorney of Record, Reg. No. 28,898).

#### **Amendments to the Claims:**

4. The claims has been amended as follows:

Replace claim 1 with the following:

Claim 1 (Currently Amended): A data processing system comprising:

a. a legacy data base management system having a command language and having an internal data format incompatible with an XML document coupled to a publicly accessible digital data communication network;

b. a user terminal coupled to said legacy data base management system via said publicly accessible digital data communication network which generates an XML service for requesting said legacy data base management system to process said XML document in a specified predetermined manner, and

c. an input definition facility repository located within said legacy data base management system which defines the input coming into said XML service and loads said XML document for said XML service to said legacy data base management system for processing.

Replace claim 2 with the following:

Claim 2 (Currently Amended): The ~~improvement~~ system according to claim 1 wherein said XML service further comprises a plurality of variables.

Replace claim 3 with the following:

Claim 3 (Currently Amended): The ~~improvement~~ system according to claim 2 wherein said XML service further comprises a plurality of tables.

Replace claim 4 with the following:

Claim 4 (Currently Amended): The ~~improvement~~ system according to claim 3 wherein said XML service further comprises executable script.

Replace claim 5 with the following:

Claim 5 (Currently Amended): The ~~improvement~~ system according to claim 4 wherein said publicly accessible digital data communication network further comprises the Internet.

Replace claim 11 with the following:

Claim 11 (Currently Amended): A computer-implemented method of supplying an XML input service to a legacy data base management system having an internal format incompatible with said XML input service from a user terminal comprising:

- a. retrieving a sample document from a repository of said legacy data base management system;
- b. editing said document into said XML input service by said user terminal;
- c. converting said desired input service into said internal format using a converter located within said legacy database management system; and
- d. presenting said converted desired input XML service to said legacy data base management system for honoring.

Replace claim 12 with the following:

Claim 12 (Currently Amended): A ~~The~~ The method according to claim 11 wherein said sample document further comprises an XML document.

Replace claim 13 with the following:

Claim 13 (Currently Amended): A The method according to claim 12 wherein said XML document further comprises a plurality of variables.

Replace claim 14 with the following:

Claim 14 (Currently Amended): A The method according to claim 13 wherein said XML document further comprises a plurality of tables.

Replace claim 15 with the following:

Claim 15 (Currently Amended): A The method according to claim 14 wherein said XML document further comprises executable script.

Replace claim 17 with the following:

Claim 17 (Currently Amended): A The apparatus according to claim 16 wherein said storing means further comprises a repository.

Replace claim 18 with the following:

Claim 18 (Currently Amended): A The apparatus according to claim 17 wherein said sample input service further comprises an XML input service.

Replace claim 19 with the following:

Claim 19 (Currently Amended): A The apparatus according to claim 18 wherein said XML input service further comprises a plurality of variables.

Replace claim 20 with the following:

Claim 20 (Currently Amended): A The apparatus according to claim 19 wherein said XML input service further comprises a plurality of tables.

Replace claim 21 with the following:

Claim 21 (Currently Amended): An apparatus for communicating within a data processing environment comprising:

- a. A a user terminal which transfers an XML message and receives a corresponding data processing response;
- b. A a converter which converts said XML message into a data processing service request including an ordered sequence of native command language statements and a plurality of input parameters; and
- c. A a legacy database management system containing said converter and responsively coupled to said user terminal via a publicly accessible digital data communication network which honors said data processing service request by executing said ordered sequence of native command language statements and utilizing said plurality of input parameters and generating said corresponding data processing response.

Replace claim 22 with the following:

Claim 22 (Currently Amended): A The apparatus according to claim 21 wherein said legacy database management system further comprises a mainframe computer.

Replace claim 23 with the following:

Claim 23 (Currently Amended): A The apparatus according to claim 22 wherein said user terminal further comprises an industry standard personal computer.

Replace claim 24 with the following:

Claim 24 (Currently Amended): A The apparatus according to claim 23 wherein said legacy database management system further comprises a repository for storage of said ordered sequence of statements of said native command language prior to execution.

Replace claim 25 with the following:

Claim 25 (Currently Amended): A The apparatus according to claim 24 wherein said corresponding data processing response further comprises an XML message.

#### *Allowance*

4. Claims 1-25 are allowed over the prior art made of record.
5. Any comments considered necessary by applicant must be submitted no later than the payment of the issue fee and, to avoid processing delays, should preferably accompany the issue fee. Such submissions should be clearly labeled "Comments on Statement of Reasons for Allowance."

*Conclusion*

6. Any inquiry concerning this communication or earlier communications from the examiner should be directed to Neveen Abel-Jalil whose telephone number is 571-272-4074. The examiner can normally be reached on 8:30AM-5:30PM EST.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Jeffrey A. Gaffin can be reached on 571-272-4146. The fax phone number for the organization where this application or proceeding is assigned is 571-273-8300. Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free).

Neveen Abel-Jalil  
May 30, 2006

*Apurva*  
Apurva  
Primary Examiner  
TC 2102